

ARCS PROCEDURE:	CEILOMETER FAN TESTING	PRO(CEI)-009.000
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Ceilometer Fan Testing

I. Purpose:

The purpose of this procedure is to document how RESET tests and replaces the ceilometer blower and heater.

II. Cautions and Hazards:

None.

III. Requirements:

None

IV. Procedure:

A. Logging on to the Ceilometer:

1. Determine the port settings.

NOTE: You can determine the port settings by going to the Settings drop-down menu and selecting "Port settings". (Because the ceilometer is on-line, all the controls are greyed, indicating you cannot change them, but that's okay since we only want to examine the settings.)

2. Take the data port off-line. (Under "File", select Dataport 011.)
3. Run a terminal program. Example: TERMINAL.EXE. Under "Terminal", try selecting Windows Terminal Program. With luck, the TERMINAL.EXE program is properly referenced and will start right up. If not, you will need to search the hard drive for either TERMINAL.EXE or Hyperterminal (which is usually under the Accessories program group).
4. Once the terminal program is started, hit ENTER a few times. (If the port settings are proper, you should get the CT: prompt back from the ceilometer. If not, you will need to fix the port settings. In TERMINAL you go to "Settings:Communication". In Hyperterminal, I go to "File:Properties", then click the Configure button. Set the port settings to match the values determined earlier.)
5. Once you have the CT: prompt, log in by typing "open <enter>"; you should receive the Ceilo> prompt.

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6. At the Ceilo> prompt, type "set control blower on <enter>"; you should get a response saying "Blower ON."
7. Go outside and verify that the blower is on.
8. At the Ceilo> prompt, type "set control blower off <enter>"; you should get a response saying "Blower OFF."
9. Go outside and verify that the blower is OFF.
10. At the Ceilo> prompt, log OFF by typing "exit <enter>". (You should now be back at the CT: prompt. By logging OFF of the Ceilo> prompt, you have relinquished manual control of the window conditioner. The heater and blower will automatically turn ON as required.
11. Exit the terminal program.
12. Finally, remember to put the data port on-line; unnder "File", select Dataport: ON.
13. Obtain Ceilometer Configuration (see PRO(CEIL)xxx.xxx) and send copy to mentor and TWPPO.

V. References:

1. PRO(CEI)-0xx, Obtaining Ceilometer Configuration.

VI. Attachments:

None.